Guidelines for Cobra Reports

What These guidelines serve as reference information for use understanding Cobra generated reports.

Why Using these guidelines during the process of Monthly Reporting can improve the ease of use with EVMS.

1 Glossary of Terms and Acronyms

BL - Baseline
CA – Control Account
CAM – Control Account Manager
CTC - Chargeable Task Code
DOE – U.S. Department of Energy
DTI – Desk Top Instruction
EV – Earned Value
EVMS - Earned Value Management System
PCS – Project Controls Specialist
PM – Project Manager
WAD – Work Authorization Document
WBS – Work Breakdown Structure
WP – Work Package

Control Account (CA) - A key management control point located at the natural intersection point of the WBS and the OBS, where functional responsibility for work is assigned. It represents the point at which budgets (resource plans) and actual costs are accumulated and compared to earned value for management control purposes.

Control Account Manager (CAM) – The member of the project team responsible for the performance defined in a Control Account and for managing the resources authorized to accomplish the tasks.

Work Breakdown Structure (WBS) - A product-oriented grouping of project elements that organizes and defines the total scope of the project. The WBS is a multilevel framework that organizes and graphically displays elements representing work to be accomplished in logical relationships. Each descending level represents an increasingly detailed definition of a project component. Project components may be products or services. It is the structure and code that integrates and relates all project work (technical, schedule, and cost) and is used throughout the life cycle of a project to identify and track specific work scopes.

Work Package (WP) –Commonly defined as "a task or set of tasks performed within a control account". However, this term is often confusing due to its use in various tools. For example, in Cobra, a WP, and its ID refers to a P6 Task and its "Activity ID". This usage is acceptable in Cobra because in EVMS terms a WP is any level of activity below the Control Account. However, in P6, a WP is sometimes referred to as an element of the Work Breakdown Structure (WBS). Throughout this document, WP, Task, and Activity are interchangeable, synonymous terms and do not refer to a particular level of the WBS.

2   Intent of Desk Top Instruction (DTI)

The intent of this DTI is to provide further clarification of intent and direction found in Fermi Research Alliance Earned Value Management System (EVMS) procedures. It is expected that all Project personnel are first familiar and compliant with the EVMS procedures, and then seek clarification from the DTI. Compliance with the procedures is expected; therefore, if there are conflicts between procedures and the DTI, the EVMS procedures are to be followed. Some Cobra generated Reports may not be identified or clarified in the DTI because they are adequately addressed in the procedures.

3   Cobra Generated Reports:

3.1   Using Cobra's Report Wizard
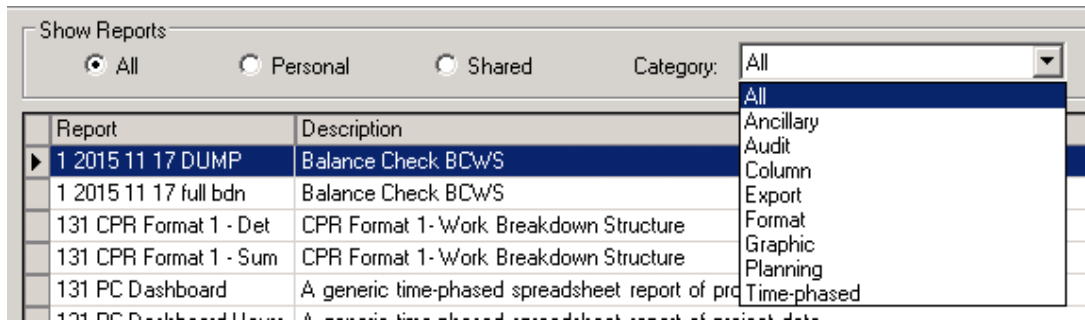
Cobra has the ability to generate customized and standard reports. Once in Cobra, reports can be produced by clicking the Report Wizard found under the Report menu.
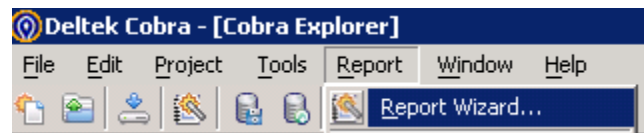
Clicking the Report Wizard will open up another window which shows a variety of options and reports.
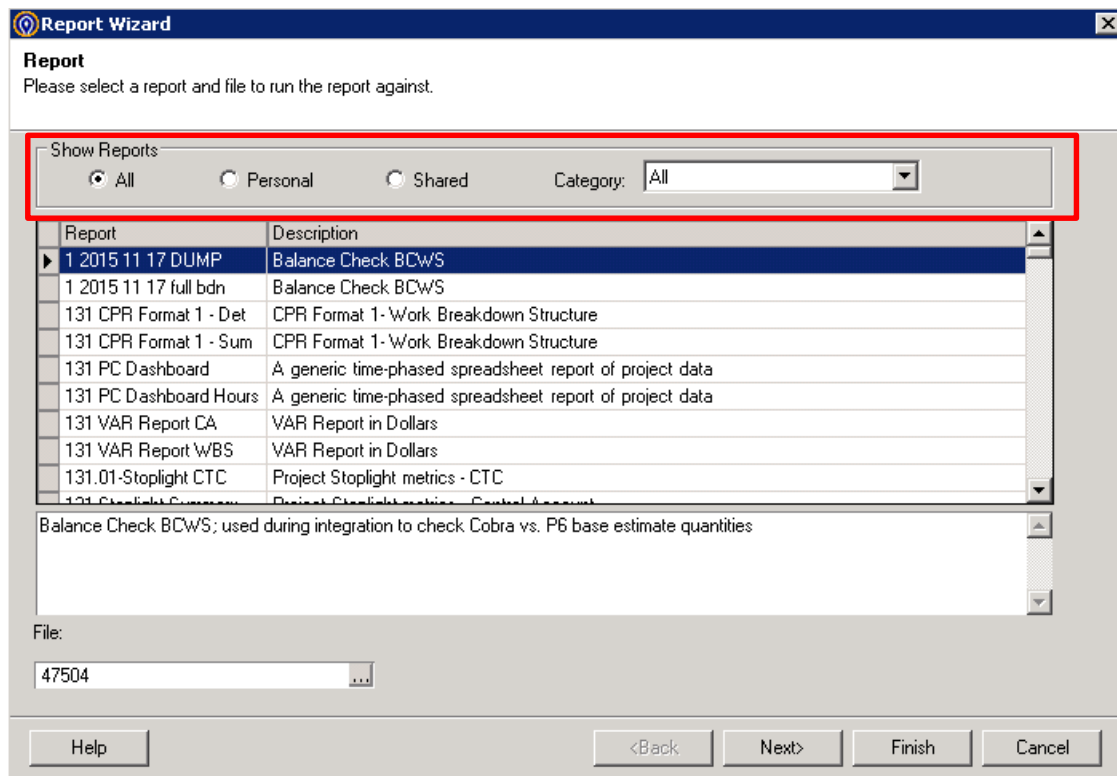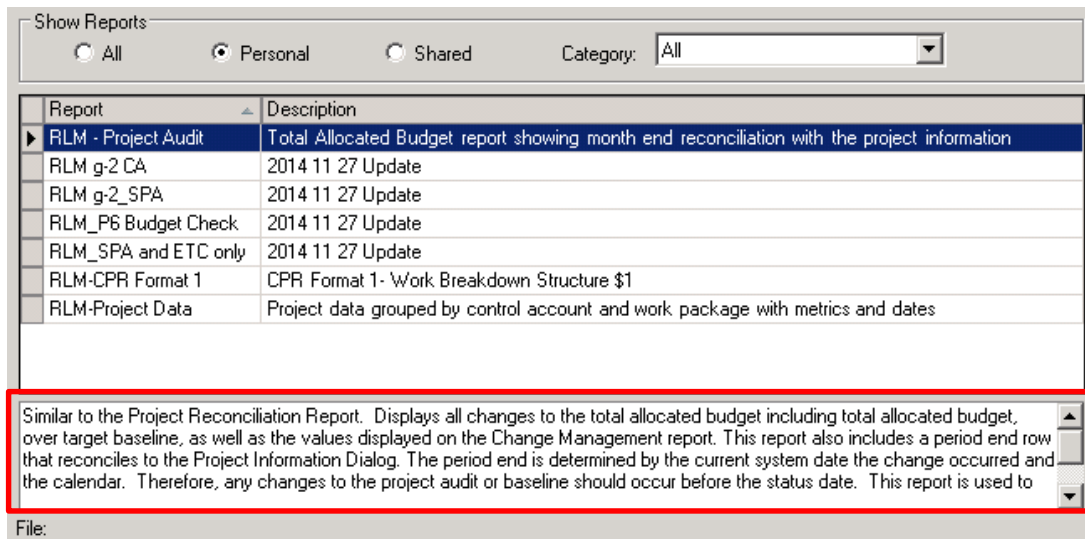
The top section give the ability to select all reports, Personal (reports that you can created or saved), Shared (generally the same as all) and Category.

The Category section allows the user to select various types of reports as shown above.

The above example shows the personal selection of this user. The report wizard allows the report author to make notes such as the report's purpose, settings, or other pertinent information regarding the report.
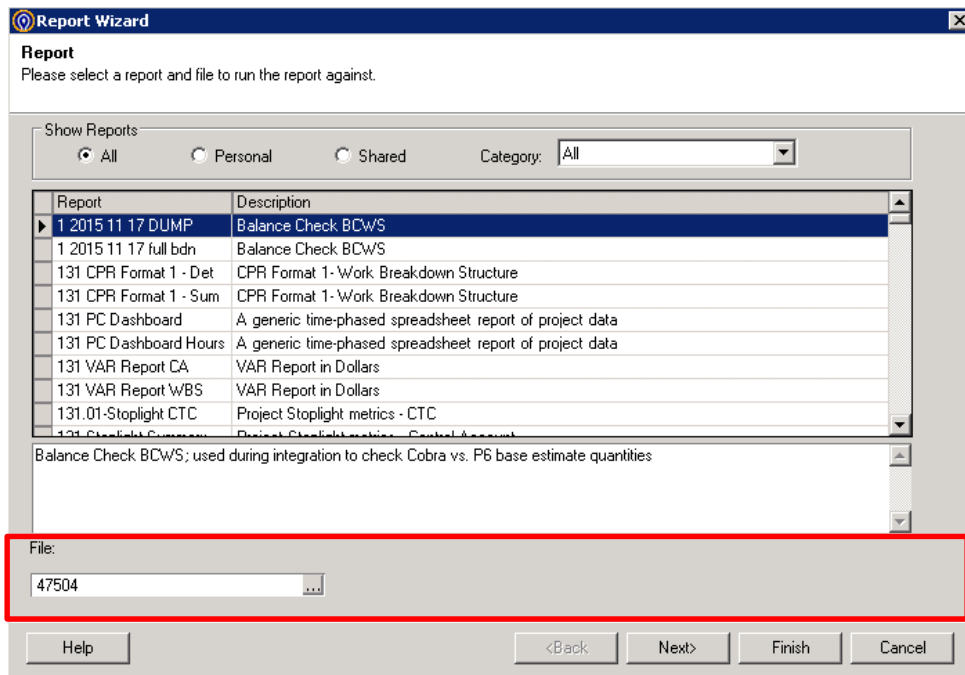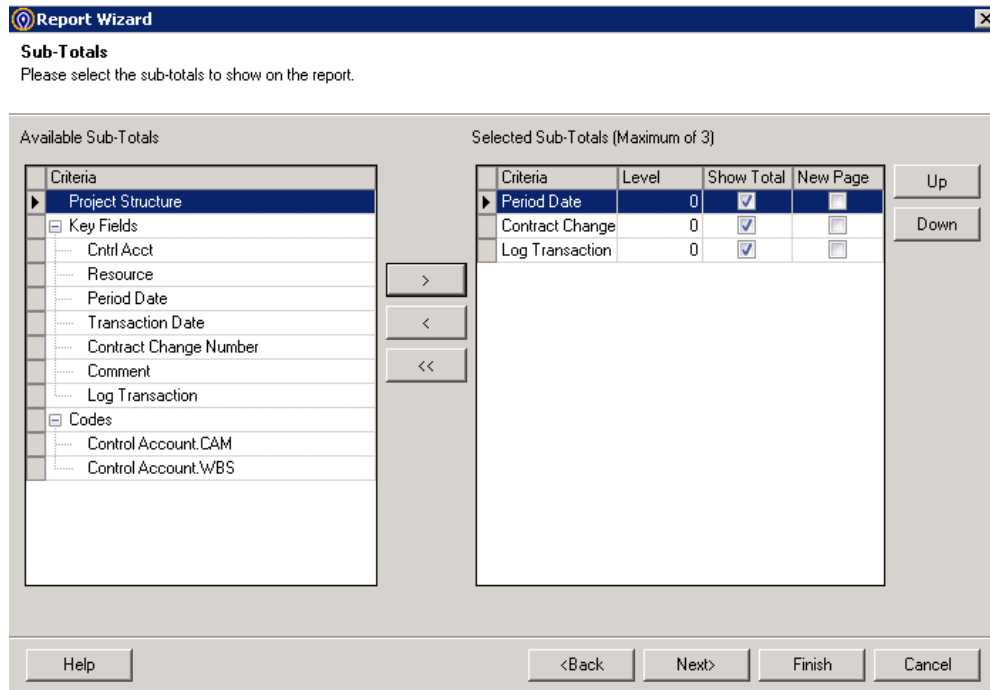
The report wizard also allows the user to select the file the report will run in. Ensure that the correct project/file is selected.

Clicking [Next>] will allow further selections. The selections that are available will depend on the report that is selected (as shown in the following examples).
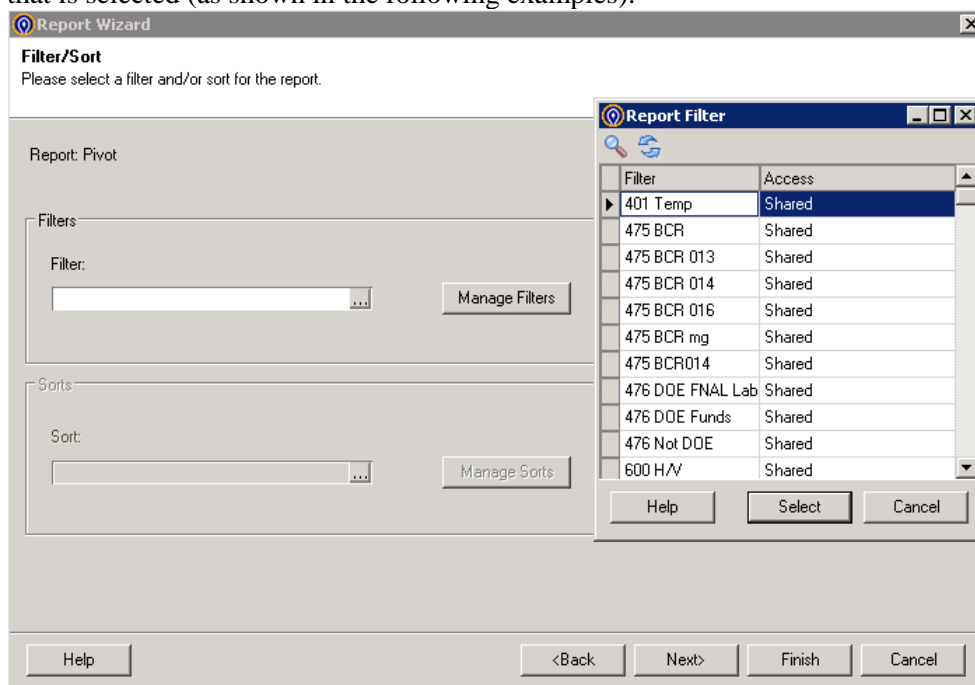
Some reports may give the ability to Filter and Sort. When available clicking the [...] will bring up a separate Report Filter. Filters can also be managed by clicking [Manage Filters].

Some reports do not have the filter and sort capabilities, but other windows are available such as the Sub-Totals shown below.

Selected item either to or from each window i.e. clicking [<] moves item from right to left and [>] moves selected item from left to right. The [<<] moves all items from the right to the left essentially clearing the selection. Other options are also available by ticking boxes.

Clicking [Next>] will move you to the next window of selections. In this example the user can select
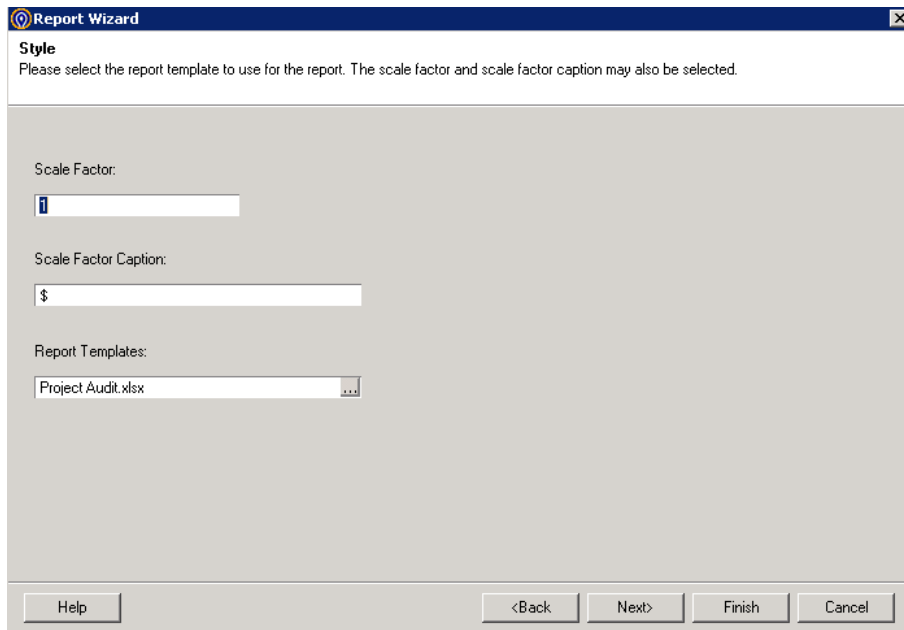
Scale Factor:
[1]
. The example below has a scale factor of 1 meaning there is a 1:1 data ratio i.e. report will show in 1 dollar increments. A 1000 Scale Factor will result in 1000:1 or thousands of dollars.

Scale Factor Caption:
[$]
allows the user to identify the scale. If 1000 Scale Factor is entered then the Scale Factor Caption should state "Report in k dollars" or "Report in k$" etc.

Report Templates:
[Project Audit.xlsx ...]
shows what template this report was based from. When creating a custom report pay attention to the report template as various report options will be available depending on the template selected.

Clicking [Next>] will bring the user to the final disposition of the report. Here the user is given the option to Run the Report, Display Report Options, or Save the Report. If Save Report is selected the user is allowed to save all properties including category, notes, and all previous selections. If saved the report will then show as a personal report the next time the user enters the report wizard.

Clicking [Next>] brings the user to the screen shown below. From here the user can go back, finish, or cancel running the report.

When the report is run, an excel sheet will appear with the data generated from the run report. There are several tabs depending on the report, but each report will have the first tab being the finished report, with another tab being the report template, and finally the data tab. If the report/data looks like what is desired than save the excel sheet.

Finishing the report will also result in the screen shown below. Please use caution, although this screen may show the report completed successfully the user should click the View Log to ensure there are no processing issues.
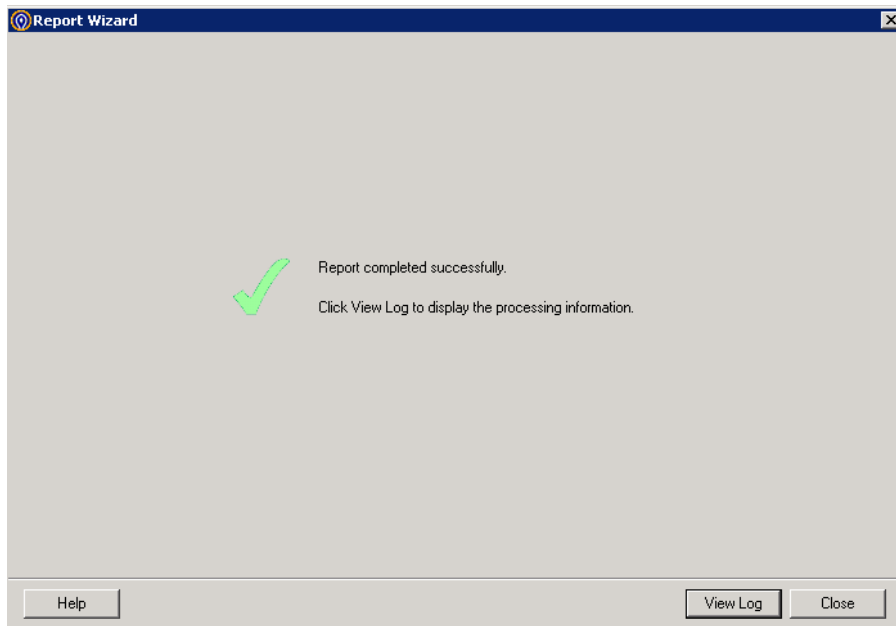
Below is an example of the process log.

```
Process Log Viewer                                    _ □ ✕
Process Name: Reporting
User: RMARCUM
Start Time: 4/13/2016 7:06:10 AM


Finish time: 4/13/2016 7:06:15 AM
Errors: 0
Warnings: 0
```

3.2   Examples of Cobra Reports

This section will show examples of various reports which can be used as is or used as a template for personal reports. This is by no means an extensive or exhausting list of reports available. These example are shown to allow the Cobra user information on basic reports that can be used.

Note that the data tab on the excel sheet will provide only data that is used in the generation of the report. However, using this data the user can produce pivot table and other reporting tools which may provide better functionality or presentation.

3.2.1   Budget-Actual Report

A time phased budget report displaying budget, actual costs and a third row of the difference between the budget and actual costs.

Report: **Budget-Actual** - Budget minus actual costs over time in a spreadsheet

Project: **600M** - UUP Baseline
Status Date: 02/28/2015

Control Account		31JUL2013	31AUG2013	30SEP2013	31OCT2013	30NOV2013	31DEC2013	31JAN2014	28FEB2014	31MAR2014	30APR2014
600.01 Project Management											
	Scheduled	0	0	0	0	0	0	0	16,100	22,541	23,614
	Actuals	0	0	0	0	0	0	0	16,016	22,422	23,490
	Variance	0	0	0	0	0	0	0	85	119	124
600.02 High-Voltage Electrical Upgrade											
	Scheduled	0	0	0	0	0	0	0	28,537	49,721	54,266
	Actuals	0	0	0	0	0	0	0	27,945	39,122	40,985
	Variance	0	0	0	0	0	0	0	593	10,599	13,281
600.03 Industrial Cooling Water Upgrade											
	Scheduled	0	0	0	0	0	0	0	43,997	61,596	64,529
	Actuals	0	0	0	0	0	0	0	43,795	61,313	64,233
	Variance	0	0	0	0	0	0	0	202	283	296
600.04 Other Project Costs (OPC)											
	Scheduled	0	0	0	196,954	162,701	162,701	179,828	42,816	0	0
	Actuals	0	0	0	196,974	162,718	162,718	179,846	42,820	0	0
	Variance	0	0	0	-20	-16	-16	-18	-4	0	0
Grand Total											
	Scheduled	0	0	0	196,954	162,701	162,701	179,828	131,451	133,857	142,409
	Actuals	0	0	0	196,974	162,718	162,718	179,846	130,576	122,857	128,708
	Variance	0	0	0	-20	-16	-16	-18	875	11,000	13,701

3.2.2 CAP

Control Account Planning Report - A report displaying everything associated with a control account.

On the control account and work package description rows, all dates and code assignments are displayed. The headings on the top of the report indicate the dates being printed on the description rows. Notes on the control account and work package are also displayed.

Grouping is enabled so you can expand down to see the resource assignments on each work package.

Report: **CAP** - Control Account Planning Report

Project: 600M - UUP Baseline
Status Date: 02/28/2015

Control Account / Work Package	Resource Assignment		Cost Set	31JUL2013	31AUG2013	30SEP2013	31OCT2013	30NOV2013	31DEC2013	31JAN2014	28FEB2014	31MAR2014	30APR2014
600.01 Project Management		CAM	12699N										
Baseline Start	2/10/14	Baseline Finish	7/31/17										
Actual Start	2/10/14	Actual Finish											
Forecast Start	2/10/14	Forecast Finish	8/14/17										
CAM	12699N												
WBS	600.01												
			Scheduled	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,100.44	22,540.61	23,613.98
			Actuals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,015.66	22,421.92	23,489.63
			Performed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,100.44	22,540.61	23,613.98
600.02 High-Voltage Electrical Upgrade		CAM	15321										
Baseline Start	2/10/14	Baseline Finish	9/30/16										
Actual Start	2/10/14	Actual Finish											
Forecast Start	2/10/14	Forecast Finish	9/30/16										
CAM	15321												
WBS	600.02												
			Scheduled	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,537.28	49,721.01	54,266.12
			Actuals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27,944.59	39,122.42	40,985.39
			Performed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,092.51	39,329.52	41,202.35
600.03 Industrial Cooling Water Upgrade		CAM	06779										
Baseline Start	2/10/14	Baseline Finish	2/7/17										
Actual Start	2/10/14	Actual Finish											
Forecast Start	2/10/14	Forecast Finish	2/21/17										
CAM	06779												
WBS	600.03												
			Scheduled	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,996.94	61,595.72	64,528.85
			Actuals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,795.01	61,313.09	64,232.76
			Performed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,996.94	61,595.72	64,528.85
600.04 Other Project Costs (OPC)		CAM	06779										
Baseline Start	10/1/13	Baseline Finish	11/1/14										
Actual Start	10/1/13	Actual Finish	2/7/14										
Forecast Start	10/1/13	Forecast Finish	2/7/14										
CAM	06779												
WBS	600.04												
			Scheduled	0.00	0.00	0.00	196,954.20	162,701.30	162,701.30	179,827.75	42,816.13	0.00	0.00
			Actuals	0.00	0.00	0.00	196,973.99	162,717.58	162,717.58	179,845.73	42,820.32	0.00	0.00
			Performed	0.00	0.00	0.00	196,954.20	162,701.30	162,701.30	179,827.75	42,816.13	0.00	0.00

3.2.3 Change Management

Project account information with log - A project audit report displaying the change amount, change number, comment, who made the change, the date of the change and the status date, what account was credited or debited and the balance of each account. Use this repot to analyze changes in project scope. Data is assembled by Control Account.

Report: **Change Management**-Project account information with log comments and change numbers   Project: **600M** - UUP Baseline

Description	Change Comment	Amount	Negotiated Cost	Authorized Unpriced Work	Contract Budget Base	Credit	Debit	Distributed Budget	Undistributed Budget	Management Reserve	Date	Status Date Period	Transaction Number	User
Change Number:			35,645,000	0	35,645,000			30,767,470	-395,329	5,272,859				
		30,372,141	0	0	0	UB		0	30,372,141	0	2/3/2015	1/31/2015	353 TRAVIS	
		35,645,000	35,645,000	0	35,645,000	CTC		0	0	0	2/3/2015	1/31/2015	353 TRAVIS	
		5,272,859	0	0	0 MR			0	0	5,272,859	2/3/2015	1/31/2015	353 TRAVIS	
		0	0	0	0	AUW		0	0	0	2/3/2015	1/31/2015	353 TRAVIS	
600.01		2,845,430	0	0	0 DB	UB		2,845,430	-2,845,430	0	2/3/2015	1/31/2015	353 TRAVIS	
600.02		13,205,345	0	0	0 DB	UB		13,205,345	-13,205,345	0	2/3/2015	1/31/2015	353 TRAVIS	
600.03		13,576,365	0	0	0 DB	UB		13,576,365	-13,576,365	0	2/3/2015	1/31/2015	353 TRAVIS	
600.04		745,001	0	0	0 DB	UB		745,001	-745,001	0	2/3/2015	1/31/2015	353 TRAVIS	
600.01		4,328	0	0	0 UB	DB		-4,328	4,328	0	2/3/2015	1/31/2015	356 TRAVIS	
600.01		33,485	0	0	0 UB	DB		-33,485	33,485	0	2/3/2015	1/31/2015	358 TRAVIS	
600.01		36,176	0	0	0 DB	UB		36,176	-36,176	0	2/3/2015	1/31/2015	359 TRAVIS	
600.01		7,464	0	0	0 DB	UB		7,464	-7,464	0	2/3/2015	1/31/2015	360 TRAVIS	
600.02		0	0	0	0 DB	UB		0	0	0	2/3/2015	1/31/2015	361 TRAVIS	
600.02		0	0	0	0 DB	UB		0	0	0	2/3/2015	1/31/2015	361 TRAVIS	
600.02		304,120	0	0	0 DB	UB		304,120	-304,120	0	2/3/2015	1/31/2015	361 TRAVIS	
600.02		6,042	0	0	0 DB	UB		6,042	-6,042	0	2/3/2015	1/31/2015	363 TRAVIS	
600.02		53,970	0	0	0 UB	DB		-53,970	53,970	0	2/3/2015	1/31/2015	363 TRAVIS	
600.02		79,675	0	0	0 UB	DB		-79,675	79,675	0	2/3/2015	1/31/2015	364 TRAVIS	
600.01		0	0	0	0 UB	DB		0	0	0	2/3/2015	1/31/2015	365 TRAVIS	
600.01		0	0	0	0 UB	DB		0	0	0	2/3/2015	1/31/2015	367 TRAVIS	
600.03		453,686	0	0	0 DB	UB		453,686	-453,686	0	2/3/2015	1/31/2015	367 TRAVIS	
600.01		0	0	0	0 DB	UB		0	0	0	2/3/2015	1/31/2015	368 TRAVIS	
600.02		103,400	0	0	0 UB	DB		-103,400	103,400	0	2/3/2015	1/31/2015	368 TRAVIS	
600.02		0	0	0	0 DB	UB		0	0	0	2/3/2015	1/31/2015	368 TRAVIS	
600.03		328,450	0	0	0 DB	UB		328,450	-328,450	0	2/3/2015	1/31/2015	368 TRAVIS	
600.03		0	0	0	0 DB	UB		0	0	0	2/3/2015	1/31/2015	368 TRAVIS	
600.03		0	0	0	0 DB	UB		0	0	0	2/3/2015	1/31/2015	368 TRAVIS	
600.01		21,751	0	0	0 UB	DB		-21,751	21,751	0	2/3/2015	1/31/2015	369 TRAVIS	
600.01		21,751	0	0	0 DB	UB		21,751	-21,751	0	2/3/2015	1/31/2015	370 TRAVIS	
600.03		103,400	0	0	0 UB	DB		-103,400	103,400	0	2/3/2015	1/31/2015	371 TRAVIS	
600.01		88,190	0	0	0 UB	DB		-88,190	88,190	0	2/4/2015	1/31/2015	372 TRAVIS	
600.01		26,000	0	0	0 UB	DB		-26,000	26,000	0	2/4/2015	1/31/2015	372 TRAVIS	
600.02		19,160	0	0	0 DB	UB		19,160	-19,160	0	2/4/2015	1/31/2015	372 TRAVIS	
600.02		15,510	0	0	0 UB	DB		-15,510	15,510	0	2/4/2015	1/31/2015	372 TRAVIS	
600.03		958	0	0	0 DB	UB		958	-958	0	2/4/2015	1/31/2015	372 TRAVIS	
600.03		19,160	0	0	0 DB	UB		19,160	-19,160	0	2/4/2015	1/31/2015	372 TRAVIS	
600.03		0	0	0	0 DB	UB		0	0	0	2/4/2015	1/31/2015	372 TRAVIS	
600.03		958	0	0	0 UB	DB		-958	958	0	2/4/2015	1/31/2015	372 TRAVIS	
600.03		255,460	0	0	0 UB	DB		-255,460	255,460	0	2/4/2015	1/31/2015	372 TRAVIS	
600.03		15,510	0	0	0 UB	DB		-15,510	15,510	0	2/4/2015	1/31/2015	372 TRAVIS	
600.02		0	0	0	0 DB	UB		0	0	0	3/2/2015	1/31/2015	395 RMARCUM	
Change Number: BCR002			0	0	0			30,796	-30,796	0				
600.02	Established Baseline	30,796	0	0	0 DB	UB		30,796	-30,796	0	2/19/2015	1/31/2015	383 TRAVIS	

3.2.4 Column

Use this report to analyze budget, actual, earned and forecasted hours together for Control Accounts. Unlike the Project Data report, this report allows you to display only the direct costs.

Report: **Column**- Project data with cost sets by result in columns   Project: **600M**- UUP Baseline
Status Date: 02/28/2015

Control Account	HOURS Scheduled	HOURS Performed	HOURS Actuals	HOURS Estimate at complete	DIRECT Scheduled	DIRECT Performed	DIRECT Actuals	DIRECT Estimate at complete	SV	CV	SPI	CPI
600.01 Project Management	18,792	2,524	2,370	0	1,468,277	361,606	401,724	0	-1,106,670	-40,118	0.25	0.90
600.02 High-Voltage Electrical Upgrade	7,269	733	1,274	0	11,650,298	669,225	677,928	0	-10,981,074	-8,704	0.06	0.99
600.03 Industrial Cooling Water Upgrade	7,055	804	1,574	0	12,372,559	1,054,393	1,066,913	0	-11,318,166	-12,520	0.09	0.99
600.04 Other Project Costs (OPC)	0	0	0	0	607,321	607,321	549,597	0	0	57,724	1.00	1.11
Grand Total	33,116	4,061	5,218	0	26,098,455	2,692,545	2,696,164	0	-23,405,910	-3,619	0.10	1.00

Currency reported in: Dollars

Report Options
Criteria: Control Account, Results
Calendar: 18 Required Set
Cost Sets: Scheduled, Performed, Actuals, Estimate at complete
Filter:

3.2.5 Curve

An S-curve report with different lines representing the cumulative costs for the selected cost sets. The selected criteria indicates how to subtotal the data and generates a different graph for each subtotal.

S-curves are commonly used to graphically represent project performance over time. The vertical difference between the earned value and the budget line is the schedule variance; the vertical difference between the earned value and the actual cost line is the cost variance. The estimate at complete typically extends the actual cost line beyond the status date.

Report: **Curve**-A time-phased, graphical S-curve of project data by cost set
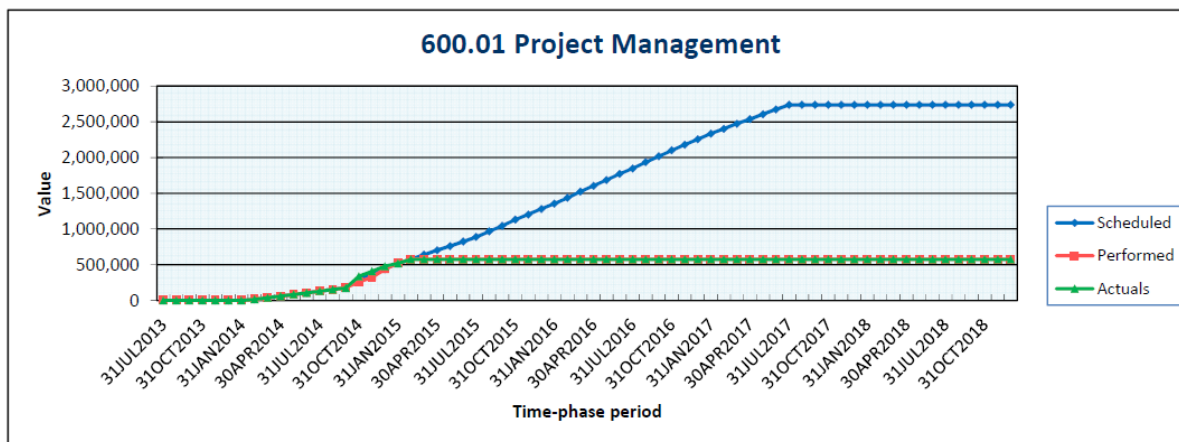
Project: **600M**-UUP Baseline
Status Date: 02/28/2015

Control Account

	31JUL20	31AUG2	30SEP20	31OCT2(	30NOV2	31DEC2(	31JAN2(	28FEB20	31MAR2	30APR2(	31MAY2	30JUN2(	31JUL20	31AUG2
Scheduled	0	0	0	0	0	0	0	16,100	38,641	62,255	84,796	107,336	130,950	153,491
Performed	0	0	0	0	0	0	0	16,100	38,641	62,255	84,796	107,336	130,950	153,491
Actuals	0	0	0	0	0	0	0	16,016	38,438	61,927	84,349	106,771	130,530	153,209

3.2.6 Earned Value

Project data with metrics - Budget, actual, and earned costs in current period and cumulative to date sections. Key performance indicators such as variances, CPI, TCPI, % complete, % spent are displayed and variances exceeding thresholds can be highlighted. Use this report to analyze project health at a glance.

Report: **Earned Value** - Project data with metrics

Project: **600M** - UUP Baseline
Status Date: 02/28/2015

Control Account	Current Period							Cumulative to Date									At Complete			% Spent	% Complete	Original BAC	Original EAC	BAC Changes	EAC Changes
	Budget	Actuals	Earned	SV	CV	SPI	CPI	Budget	Actuals	Earned	SV	CV	SPI	CPI	TCPIbac	TCPIeac	BAC	EAC	VAC						
600.01 Project Management	57,915	55,948	57,915	0	1,967	1.00	1.04	576,752	574,785	576,752	0	1,967	1.00	1.00	1.00	-3.76	2,737,067	0	2,737,067	21%	21%	0	0	-2,737,067	0
600.02 High-Voltage Electrical Upgrade	96,049	103,393	108,158	12,108	4,764	1.13	1.05	848,627	855,971	860,735	12,108	4,764	1.01	1.01	1.00	-14.55	13,312,908	0	13,312,908	6%	6%	0	0	-13,312,908	0
600.03 Industrial Cooling Water Upgrade	26,859	16,781	26,859	0	10,078	1.00	1.60	1,362,927	1,352,849	1,362,927	0	10,078	1.00	1.01	1.00	-9.34	14,003,291	0	14,003,291	10%	10%	0	0	-14,003,291	0
600.04 Other Project Costs (OPC)	0	0	0					745,001	745,075	745,001	0	-75	1.00	1.00	0.00	0.00	745,001	0	745,001	100%	100%	0	0	-745,001	0
PMB	180,823	176,122	192,931	12,108	16,809	1.07	1.10	3,533,307	3,528,680	3,545,415	12,108	16,735	1.00	1.00	1.00	-7.72	30,798,267	0	30,798,267	11%	12%	0	0	-30,798,267	0
Management Reserve																	5,272,859	0							
TAB																	36,071,126	0							

Currency reported in: Dollars

Report Options
Criteria: Control Account
Calendar: 18 Required Set
Cost Sets: Scheduled, Performed, Actuals, Estimate at complete, ,
Filter:

3.2.7 Histogram

A histogram report with vertical bars representing the current period costs for the selected cost sets. The selected criteria indicates how to subtotal the data and generates a different graph for each subtotal.

Use this report to analyze data by periods. You can edit the chart in the template to change the chart layout, colors, etc.

Report: **Histogram**-A time-phased graphic report of incremental project data by cost set

Project: **600M**-UUP Baseline
Status Date: 02/28/2015

Control Account

	31JUL201	31AUG201	30SEP201	31OCT201	30NOV201	31DEC201	31JAN201	28FEB201	31MAR20	30APR201	31MAY20	30JUN201	31JUL2014	31AUG201
Scheduled	0	0	0	0	0	0	0	16,100	22,541	23,614	22,541	22,541	23,614	22,541
Cumulative Sch	0	0	0	0	0	0	0	16,100	38,641	62,255	84,796	107,336	130,950	153,491
Performed	0	0	0	0	0	0	0	16,100	22,541	23,614	22,541	22,541	23,614	22,541
Cumulative Pe	0	0	0	0	0	0	0	16,100	38,641	62,255	84,796	107,336	130,950	153,491
Actuals	0	0	0	0	0	0	0	16,016	22,422	23,490	22,422	22,422	23,759	22,679
Cumulative Act	0	0	0	0	0	0	0	16,016	38,438	61,927	84,349	106,771	130,530	153,209
Estimate at cor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative Est	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Estimate to cor	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.2.8 Log

A list of project audit transactions containing the control account/work package/assignment that was changed, the change number, comment, account credited or debited impact, the amount of the change and the user ID of the person who changed the budget. Use this report to obtain a complete list of the project audit log. The total contract value is listed at the top of the spreadsheet as well as any BCRs (baseline change request) which have been established.
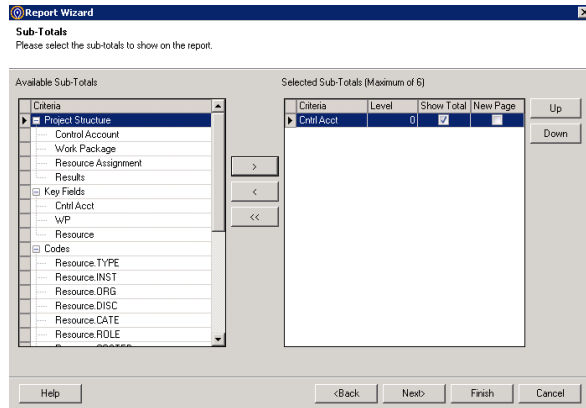
Report: **Log**-Baseline audit log report with log comments and change numbers   Project: **600M - UUP Baseline**

Cost Account	Date	Transaction Number	Change Number	Change Comment	Credit	Debit	Amount	User Name	Significant?
	1/31/2015	353			MR		5,272,859	TRAVIS	N
	1/31/2015	353				AUW	0	TRAVIS	N
	1/31/2015	353			UB		30,372,141	TRAVIS	N
	1/31/2015	353				CTC	35,645,000	TRAVIS	N
600.01	1/31/2015	353			DB	UB	2,845,430	TRAVIS	N
600.02	1/31/2015	353			DB	UB	13,205,345	TRAVIS	N
600.03	1/31/2015	353			DB	UB	13,576,365	TRAVIS	N
600.04	1/31/2015	353			DB	UB	745,001	TRAVIS	N
600.01	1/31/2015	356			UB	DB	4,328	TRAVIS	N
600.01	1/31/2015	358			UB	DB	33,485	TRAVIS	N
600.01	1/31/2015	359			DB	UB	36,176	TRAVIS	N
600.01	1/31/2015	360			DB	UB	7,464	TRAVIS	N
600.02	1/31/2015	361			DB	UB	304,120	TRAVIS	N
600.02	1/31/2015	361			DB	UB	0	TRAVIS	N
600.02	1/31/2015	361			DB	UB	0	TRAVIS	N
600.02	1/31/2015	363			UB	DB	53,970	TRAVIS	N
600.02	1/31/2015	363			DB	UB	6,042	TRAVIS	N
600.02	1/31/2015	364			UB	DB	79,675	TRAVIS	N
600.01	1/31/2015	365			DB	UB	0	TRAVIS	N
600.01	1/31/2015	367			UB	DB	0	TRAVIS	N
600.03	1/31/2015	367			DB	UB	453,686	TRAVIS	N
600.01	1/31/2015	368			DB	UB	0	TRAVIS	N
600.02	1/31/2015	368			DB	UB	0	TRAVIS	N
600.02	1/31/2015	368			UB	DB	103,400	TRAVIS	N
600.03	1/31/2015	368			DB	UB	0	TRAVIS	N
600.03	1/31/2015	368			DB	UB	0	TRAVIS	N
600.03	1/31/2015	368			DB	UB	328,450	TRAVIS	N
600.01	1/31/2015	369			UB	DB	21,751	TRAVIS	N
600.01	1/31/2015	370			DB	UB	21,751	TRAVIS	N
600.03	1/31/2015	371			UB	DB	103,400	TRAVIS	N
600.01	1/31/2015	372			UB	DB	26,000	TRAVIS	N
600.01	1/31/2015	372			UB	DB	88,190	TRAVIS	N
600.02	1/31/2015	372			UB	DB	15,510	TRAVIS	N
600.02	1/31/2015	372			DB	UB	19,160	TRAVIS	N
600.03	1/31/2015	372			UB	DB	958	TRAVIS	N
600.03	1/31/2015	372			UB	DB	255,460	TRAVIS	N
600.03	1/31/2015	372			UB	DB	15,510	TRAVIS	N
600.03	1/31/2015	372			DB	UB	958	TRAVIS	N
600.03	1/31/2015	372			DB	UB	19,160	TRAVIS	N
600.03	1/31/2015	372			DB	UB	0	TRAVIS	N
600.02	1/31/2015	383	BCR002	Established Baseline	DB	UB	30,796	TRAVIS	N
600.02	1/31/2015	395			DB	UB	0	RMARCUM	N

3.2.9 Pivot

The report criteria can be modified or the pivot table in Excel to produce virtually any custom report needed. Because of the power of this report Sub-Totals and Cost Sets selections are also shown below.

3.2.10 Project Audit

Displays all changes to the total allocated budget including total allocated budget, over target baseline, as well as the values displayed on the Change Management report. The period end is determined by the current system date the change occurred and the calendar. Therefore, any changes to the project audit or baseline should occur before the status date.

Change Number	Cost Account	Change Date	Change Comment	Amount	Credit	Debit	Negotiated Cost (Contract Target Cost)	Authorized Unpriced Work	Contract Budget Base	Over Target Baseline	Total Allocated Budget	Management Reserve	Performance Measurement Baseline	Undistributed Budget	Distributed Budget	Transaction Number	User
Current balances for period ending: 7/31/2013	31JUL2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 8/31/2013	31AUG2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 9/30/2013	30SEP2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 10/31/2013	31OCT2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 11/30/2013	30NOV2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 12/31/2013	31DEC2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 1/31/2014	31JAN2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 2/28/2014	28FEB2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 3/31/2014	31MAR2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 4/30/2014	30APR2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 5/31/2014	31MAY2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 6/30/2014	30JUN2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 7/31/2014	31JUL2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 8/31/2014	31AUG2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 9/30/2014	30SEP2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 10/31/2014	31OCT2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 11/30/2014	30NOV2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 12/31/2014	31DEC2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 1/31/2015	31JAN2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Change Number:							35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-395,329	30,767,470		
		2/3/2015		0	AUW		0	0	0	0	0	0	0	0	0	353	TRAVIS
		2/3/2015		35,645,000	CTC		35,645,000	0	35,645,000	0	35,645,000	0	35,645,000	0	0	353	TRAVIS
		2/3/2015		5,272,859	MR		0	0	0	0	0	5,272,859	-5,272,859	0	0	353	TRAVIS
		2/3/2015		30,372,141	UB		0	0	0	0	0	0	0	30,372,141	0	353	TRAVIS
	600.01	2/3/2015		36,176	UB	UB	0	0	0	0	0	0	0	-36,176	36,176	359	TRAVIS
	600.01	2/3/2015		0	UB	DB	0	0	0	0	0	0	0	0	0	368	TRAVIS
	600.01	2/3/2015		4,328	UB	DB	0	0	0	0	0	0	0	4,328	-4,328	356	TRAVIS
	600.01	2/3/2015		21,751	DB	UB	0	0	0	0	0	0	0	-21,751	21,751	370	TRAVIS
	600.01	2/3/2015		2,845,430	DB	UB	0	0	0	0	0	0	0	-2,845,430	2,845,430	353	TRAVIS
	600.01	2/3/2015		0	UB	DB	0	0	0	0	0	0	0	0	0	367	TRAVIS
	600.01	2/3/2015		21,751	UB	DB	0	0	0	0	0	0	0	21,751	-21,751	369	TRAVIS
	600.01	2/3/2015		7,464	UB	DB	0	0	0	0	0	0	0	-7,464	7,464	360	TRAVIS
	600.01	2/3/2015		33,485	UB	DB	0	0	0	0	0	0	0	33,485	-33,485	358	TRAVIS
	600.01	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	365	TRAVIS
	600.01	2/4/2015		88,190	UB	DB	0	0	0	0	0	0	0	88,190	-88,190	372	TRAVIS
	600.01	2/4/2015		26,000	UB	DB	0	0	0	0	0	0	0	26,000	-26,000	372	TRAVIS
	600.02	2/3/2015		13,205,345	DB	UB	0	0	0	0	0	0	0	-13,205,345	13,205,345	353	TRAVIS
	600.02	2/3/2015		6,042	DB	UB	0	0	0	0	0	0	0	-6,042	6,042	363	TRAVIS
	600.02	2/3/2015		79,675	UB	DB	0	0	0	0	0	0	0	79,675	-79,675	364	TRAVIS
	600.02	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	361	TRAVIS
	600.02	2/3/2015		53,970	UB	DB	0	0	0	0	0	0	0	53,970	-53,970	363	TRAVIS
	600.02	2/3/2015		103,400	DB	UB	0	0	0	0	0	0	0	103,400	-103,400	368	TRAVIS
	600.02	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	361	TRAVIS
	600.02	2/3/2015		304,120	DB	UB	0	0	0	0	0	0	0	-304,120	304,120	361	TRAVIS
	600.02	2/4/2015		15,510	DB	UB	0	0	0	0	0	0	0	15,510	-15,510	372	TRAVIS
	600.02	2/4/2015		19,160	UB	DB	0	0	0	0	0	0	0	-19,160	19,160	372	TRAVIS
	600.02	3/2/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	395	RMARCUM
	600.03	2/3/2015		13,576,365	DB	UB	0	0	0	0	0	0	0	-13,576,365	13,576,365	353	TRAVIS
	600.03	2/3/2015		103,400	UB	DB	0	0	0	0	0	0	0	103,400	-103,400	371	TRAVIS
	600.03	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	368	TRAVIS
	600.03	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	368	TRAVIS
	600.03	2/3/2015		453,686	DB	UB	0	0	0	0	0	0	0	-453,686	453,686	367	TRAVIS
	600.03	2/3/2015		328,450	DB	UB	0	0	0	0	0	0	0	-328,450	328,450	368	TRAVIS
	600.03	2/4/2015		15,510	UB	DB	0	0	0	0	0	0	0	15,510	-15,510	372	TRAVIS
	600.03	2/4/2015		255,460	UB	DB	0	0	0	0	0	0	0	255,460	-255,460	372	TRAVIS
	600.03	2/4/2015		19,160	DB	UB	0	0	0	0	0	0	0	-19,160	19,160	372	TRAVIS
	600.03	2/4/2015		958	DB	UB	0	0	0	0	0	0	0	-958	958	372	TRAVIS
	600.03	2/4/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	372	TRAVIS
	600.03	2/4/2015		958	DB	UB	0	0	0	0	0	0	0	958	-958	372	TRAVIS
	600.04	2/3/2015		745,001	DB	UB	0	0	0	0	0	0	0	-745,001	745,001	353	TRAVIS
Change Number: BCR002				0			0	0	0	0	0	0	0	-30,796	30,796		
	600.02	2/19/2015	Established Baseline	30,796	DB	UB	0	0	0	0	0	0	0	-30,796	30,796	383	TRAVIS
Current balances for period ending: 2/28/2015	28FEB2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Current balances for period ending: 3/31/2015	31MAR2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Current balances for period ending: 4/30/2015	30APR2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Current balances for period ending: 5/31/2015	31MAY2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Current balances for period ending: 6/30/2015	30JUN2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Current balances for period ending: 7/31/2015	31JUL2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Current balances for period ending: 8/31/2015	31AUG2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		

3.2.11 Project Data

A Control Account/work package/milestone report containing information found on the Control Account pane in the Project view. Information such as dates, EVT, milestones or steps, are displayed. Values in both hours and dollars showing the budget, actual, earned, EAC, and BAC is displayed as well as key performance indicators such as variances, CPI, and EACi. This report also uses the hours and dollar value to calculate the budgeted and actual rate for the work package to help in price/usage variance analysis. Use this report to analyzing the performance of control accounts and work packages. This an excellent report for CAMs to help them explain variances.

Report: **Project Data** - Project data grouped by control account and work package with metrics and dates

Project: **600M - UUP Baseline**
Status Date: 02/28/2015

Control Account Work Package	EVT	Status	% Complete	Dollars Budget	Dollars Actuals	Dollars Earned	Hours Budget	Hours Actuals	Hours Earned	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Forecast Start	Forecast Finish	Pending Start	Pending Finish
600.01 Project Management		In-progress		576,752	574,785	576,752	2,524	2,370	2,524	2/10/2014	7/31/2017	2/10/2014		2/10/2014	8/14/2017	9/1/2013	11/1/2014
600.01.01.1040 PM - Preliminary Design (PED) LOE - FY2015	Level of Effort	Completed		300,091	0	300,091	2,089	0	2,089	10/1/2014	1/15/2015	10/1/2014	1/15/2015	10/1/2014	1/15/2015	9/1/2013	9/1/2013
600.01.02.1000 PM - Final Design (PED) LOE - FY2015	Level of Effort	In-progress		57,915	0	57,915	436	0	436	1/16/2015	7/30/2015	2/2/2015		2/2/2015	7/30/2015	9/1/2013	9/1/2013
600.01.03.1020 PM - Construction (LIC) LOE - FY2015	Level of Effort	Planned		0	0	0	0	0	0	7/31/2015	9/30/2015			8/14/2015	10/14/2015	9/1/2013	9/1/2013
600.01.03.1040 PM - Construction (LIC) LOE - FY2016	Level of Effort	Planned		0	0	0	0	0	0	10/1/2015	9/30/2016			10/15/2015	9/30/2016	9/1/2013	9/1/2013
600.01.03.1060 PM - Construction (LIC) LOE - FY2017	Level of Effort	Planned		0	0	0	0	0	0	10/3/2016	2/7/2017			10/3/2016	2/21/2017	9/1/2013	9/1/2013
600.01.04.1010 PM - Closeout (LIC) - FY2017	Level of Effort	Planned		0	0	0	0	0	0	2/8/2017	7/31/2017			2/22/2017	8/14/2017	9/1/2013	9/1/2013
600.3000 PM - Conduct Independent Design Review (Director's Review Comment)	Level of Effort	Completed		42,714	0	42,714	0	0	0	10/22/2014	11/1/2014	10/22/2014	10/28/2014	10/22/2014	10/28/2014	11/1/2014	11/1/2014
600.PM01 PM - Preliminary Design (PED) LOE - FY2014 Actuals	Level of Effort	Completed		176,031	552,750	176,031	0	2,238	0	2/10/2014	11/1/2014	2/10/2014	9/30/2014	2/10/2014	9/30/2014	9/1/2013	9/1/2013
600.PM02 PM - Final Design Costs	Level of Effort	Planned		0	22,035	0	0	132	0	1/16/2015	8/13/2015			1/16/2015	8/13/2015	9/1/2013	11/1/2014
600.02 High-Voltage Electrical Upgrade		In-progress		848,627	855,971	860,735	733	1,274	733	2/10/2014	9/30/2016	2/10/2014		2/10/2014	9/30/2016	9/1/2013	1/1/2015
600.02.01.01.1020 HV - Perform Advanced Preliminary Design of Electrical Infrastructure (PED) M&S	% Complete	Completed	100	352,945	0	352,945	0	0	0	10/1/2014	1/15/2015	10/1/2014	1/15/2015	10/1/2014	1/15/2015	9/1/2013	9/1/2013
600.02.01.01.1040 HV - Provide Engineering Support during Preliminary Design LOE - FY2015	Level of Effort	Completed		92,488	0	92,488	568	0	568	10/1/2014	1/15/2015	10/1/2014	1/30/2015	10/1/2014	1/30/2015	9/1/2013	9/1/2013
600.02.01.02.1020 HV - Provide Engineering Support during Final Design	Level of Effort	In-progress		26,859	0	26,859	165	0	165	2/2/2015	7/30/2015	1/30/2015		1/30/2015	8/13/2015	9/1/2013	9/1/2013
600.02.01.02.1060 HV - Perform 95% Complete Final Design of Electrical Infrastructure (PED)	% Complete	In-progress	50	69,191	0	81,299	0	0	0	2/2/2015	4/7/2015	2/2/2015		2/2/2015	4/7/2015	9/1/2013	9/1/2013
600.02.01.02.1065 HV - Perform 100% Complete Final Design of Electrical Infrastructure_Comments_Issue and ComEd (PED)	% Complete	Planned	0	0	0	0	0	0	0	4/8/2015	5/5/2015			4/8/2015	5/5/2015	9/1/2013	9/1/2013
600.02.01.02.1067 HV - Perform Design Revisions of Electrical Infrastructure_ComEd (PED)	% Complete	Planned	0	0	0	0	0	0	0	6/1/2015	6/30/2015			6/1/2015	6/30/2015	1/1/2015	1/1/2015
600.02.01.02.1069 HV - Perform Design Revisions of Electrical Infrastructure_Automation & HMI Dev (PED)	% Complete	Planned	0	0	0	0	0	0	0	7/1/2015	7/31/2015			7/1/2015	7/31/2015	1/1/2015	1/1/2015
600.02.01.02.1072 HV - Perform Design Revisions of Electrical Infrastructure Following DOE Rev_Bid Review-Construction (PED)	% Complete	Planned	0	0	0	0	0	0	0	8/3/2015	8/31/2015			8/3/2015	8/31/2015	1/1/2015	1/1/2015
600.02.01.02.3000 HV - Conduct Independent Design Review	% Complete	Planned	0	0	0	0	0	0	0	4/1/2015	4/7/2015			4/8/2015	4/21/2015	11/1/2014	11/1/2014
600.02.01.03.1000 HV - Provide Engineering Support during Construction LOE - FY2015 Labor	Level of Effort	Planned		0	0	0	0	0	0	7/31/2015	9/30/2015			8/14/2015	9/30/2015	9/1/2013	9/1/2013
600.02.01.03.1010 HV - Provide A&E Construction Support - FY2015 M&S	Level of Effort	Planned		0	0	0	0	0	0	8/28/2015	9/30/2015			9/14/2015	10/14/2015	9/1/2013	9/1/2013
600.02.01.03.1020 HV - Commonwealth Edison Construction Support - FY2015 M&S	Level of Effort	Planned		0	0	0	0	0	0	8/28/2015	9/30/2015			9/14/2015	10/14/2015	9/1/2013	9/1/2013
600.02.01.03.1030 HV - Provide A&E Construction Support - FY2016 M&S	Level of Effort	Planned		0	0	0	0	0	0	10/1/2015	9/30/2016			10/15/2015	9/30/2016	9/1/2013	9/1/2013
600.02.01.03.1040 HV - Provide Engineering Support during Construction LOE - FY2016 Labor	Level of Effort	Planned		0	0	0	0	0	0	10/1/2015	9/30/2016			10/15/2015	9/30/2016	9/1/2013	9/1/2013
600.02.01.03.1050 HV - Commonwealth Edison Construction Support - FY2016 M&S	Level of Effort	Planned		0	0	0	0	0	0	10/1/2015	9/30/2016			10/15/2015	9/30/2016	9/1/2013	9/1/2013
600.02.02.02.01.1060 HV - MSS Site Preparation	% Complete	Planned	0	0	0	0	0	0	0	8/28/2015	2/23/2016			9/14/2015	3/8/2016	9/1/2013	9/1/2013
600.02.02.02.02.1060 HV - Install MSS Control Building	% Complete	Planned	0	0	0	0	0	0	0	2/24/2016	7/28/2016			3/9/2016	8/11/2016	9/1/2013	9/1/2013
600.02.02.02.03.1010 HV - Perform Commissioning	% Complete	Planned	0	0	0	0	0	0	0	7/29/2016	9/16/2016			8/12/2016	9/30/2016	9/1/2013	9/1/2013
600.02.02.02.03.3000 HV - Independent Support for Commissioning	% Complete	Planned	0	0	0	0	0	0	0	7/29/2016	9/16/2016			8/12/2016	9/30/2016	11/1/2014	11/1/2014
600.02.02.1015 HV - MSS Control Building Procurement - Planning Package	% Complete	Planned	0	0	0	0	0	0	0	4/28/2015	3/8/2016			4/28/2015	3/8/2016	9/1/2013	9/1/2013
600.HV01 HV - Engineering Support during Preliminary Design (PED) LOE - FY2014 Actuals	Level of Effort	Completed		307,145	752,609	307,145	0	1,111	0	2/10/2014	11/1/2014	2/10/2014	9/30/2014	2/10/2014	9/30/2014	9/1/2013	9/1/2013
600.HV02 HV - HV Design Effort	Level of Effort	Planned		0	103,362	0	0	164	0	1/15/2015	6/30/2015			1/15/2015	6/30/2015	9/1/2013	1/1/2015
600.03 Industrial Cooling Water Upgrade		In-progress		1,362,927	1,352,849	1,362,927	804	1,574	804	2/10/2014	2/7/2017	2/10/2014		2/10/2014	2/21/2017	9/1/2013	1/1/2015
600.03.01.01.1010 ICW - Perform Advanced Preliminary Design of ICW Infrastructure	% Complete	Completed	100	750,506	0	750,506	0	0	0	10/1/2014	1/15/2015	10/1/2014	1/15/2015	10/1/2014	1/15/2015	9/1/2013	9/1/2013
600.03.01.01.1020 ICW - Provide Engineering Support during Preliminary Design (PED)	Level of Effort	Completed		104,529	0	104,529	639	0	639	10/1/2014	1/15/2015	10/1/2014	1/30/2015	10/1/2014	1/30/2015	9/1/2013	9/1/2013
600.03.01.02.1000 ICW - Provide Engineering Support during Final Design (PED)	Level of Effort	In-progress		26,859	0	26,859	165	0	165	2/2/2015	7/30/2015	1/30/2015		1/30/2015	8/13/2015	9/1/2013	9/1/2013
600.03.01.02.1040 ICW - Perform 95% Complete Final Design of ICW Infrastructure (PED)	% Complete	Planned	0	0	0	0	0	0	0	3/2/2015	3/31/2015			3/2/2015	3/31/2015	9/1/2013	9/1/2013
600.03.01.02.1045 ICW - Perform 100% Complete Final Design of ICW Infrastructure (PED)	% Complete	Planned	0	0	0	0	0	0	0	4/1/2015	4/30/2015			4/1/2015	4/30/2015	9/1/2013	9/1/2013
600.03.01.02.1075 ICW - Finalize Documents Based on Review Comments (PED)	% Complete	Planned	0	0	0	0	0	0	0	5/1/2015	8/12/2015			5/1/2015	8/12/2015	1/1/2015	1/1/2015
600.03.01.02.3000 ICW - Conduct Independent Design Review (PED)	% Complete	Planned	0	0	0	0	0	0	0	4/1/2015	4/21/2015			4/1/2015	4/21/2015	11/1/2014	11/1/2014
600.03.01.03.1000 ICW - Provide Engineering Support during Construction LOE - FY2015 Labor	Level of Effort	Planned		0	0	0	0	0	0	7/31/2015	9/30/2015			8/14/2015	10/14/2015	9/1/2013	9/1/2013
600.03.01.03.1010 ICW - Provide A&E Support during Construction LOE - FY2015 M&S	Level of Effort	Planned		0	0	0	0	0	0	8/28/2015	9/30/2015			9/14/2015	10/14/2015	9/1/2013	9/1/2013

3.2.12 Project Plng Stats

Statistics about the number of work packages using each EVT, the mean and median durations and values of the control account and work packages in the project. Use this report to audit the EVT and duration of work packages to provide an objective means to status work packages.

Report: **Project Plng Stats**-Evaluation of control accounts and work packages   Project: 600M - UUP Baseline

EVT	Count	Longest	Shortest	Mean Duration	Median Duration	Total Value	Largest	Smallest	Mean Value	Median Value
Control Account Total	4	1,267	396	929	963	30,798,266.64	14,003,291.42	745,000.67	7,699,566.66	2,737,066.90
Control Account Total	4	1,267	396	929	963	30,798,266.64	14,003,291.42	745,000.67	7,699,566.66	2,737,066.90
Level of Effort	32	396	10	202	178	8,257,791.90	971,056.27	0.00	258,056.00	178,462.04
% Complete	21	529	6	96	49	22,540,474.74	7,548,668.85	18,864.37	1,073,355.94	229,827.18
Work Package Total	53	529	6	161	0	30,798,266.64	7,548,668.85	0.00	581,099.37	0.00

3.2.13 Project Reconciliation

Similar to the Project Audit report. Displays all changes to the total allocated budget including total allocated budget, over target baseline, as well as the values displayed on the Change Management report. This report also includes a period end row that reconciles to the Project Information Dialog. The period end is determined by the current system date the change occurred and the calendar. Therefore, any changes to the project audit or baseline should occur before the status date. This report is used to reconcile the Project Information dialog Budget tab values with those calculated by the Project Audit log. This report supports filtering and selecting non-zero cost sets.

Change Number	Cost Account	Change Date	Change Comment	Amount	Credit	Debit	Negotiated Cost (Contract Target Cost)	Authorized Unpriced Work	Contract Budget Base	Over Target Baseline	Total Allocated Budget	Management Reserve	Performance Measurement Baseline	Undistributed Budget	Distributed Budget	Transaction Number	User
Current balances for period ending: 7/31/2013	31JUL2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 8/31/2013	31AUG2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 9/30/2013	30SEP2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 10/31/2013	31OCT2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 11/30/2013	30NOV2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 12/31/2013	31DEC2013						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 1/31/2014	31JAN2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 2/28/2014	28FEB2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 3/31/2014	31MAR2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 4/30/2014	30APR2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 5/31/2014	31MAY2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 6/30/2014	30JUN2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 7/31/2014	31JUL2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 8/31/2014	31AUG2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 9/30/2014	30SEP2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 10/31/2014	31OCT2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 11/30/2014	30NOV2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 12/31/2014	31DEC2014						0	0	0	0	0	0	0	0	0		
Current balances for period ending: 1/31/2015	31JAN2015						35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-426,126	30,798,267		
Change Number:							35,645,000	0	35,645,000	0	35,645,000	5,272,859	30,372,141	-395,329	30,767,470		
		2/3/2015		0		AUW	0	0	0	0	0	0	0	0	0	353	TRAVIS
		2/3/2015		35,645,000		CTC	35,645,000	0	35,645,000	0	35,645,000	0	0	0	0	353	TRAVIS
		2/3/2015		5,272,859	MR		0	0	0	0	0	5,272,859	-5,272,859	0	0	353	TRAVIS
		2/3/2015		30,372,141	UB		0	0	0	0	0	0	30,372,141	0	0	353	TRAVIS
	600.01	2/3/2015		2,845,430	DB	UB	0	0	0	0	0	0	0	-2,845,430	2,845,430	353	TRAVIS
	600.02	2/3/2015		13,205,345	DB	UB	0	0	0	0	0	0	0	-13,205,345	13,205,345	353	TRAVIS
	600.03	2/3/2015		13,576,365	DB	UB	0	0	0	0	0	0	0	-13,576,365	13,576,365	353	TRAVIS
	600.04	2/3/2015		745,001	DB	UB	0	0	0	0	0	0	0	-745,001	745,001	353	TRAVIS
	600.01	2/3/2015		4,328	UB	DB	0	0	0	0	0	0	0	4,328	-4,328	356	TRAVIS
	600.01	2/3/2015		33,485	UB	DB	0	0	0	0	0	0	0	33,485	-33,485	358	TRAVIS
	600.01	2/3/2015		36,176	DB	UB	0	0	0	0	0	0	0	-36,176	36,176	359	TRAVIS
	600.01	2/3/2015		7,464	UB	DB	0	0	0	0	0	0	0	-7,464	7,464	360	TRAVIS
	600.02	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	361	TRAVIS
	600.02	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	361	TRAVIS
	600.02	2/3/2015		304,120	DB	UB	0	0	0	0	0	0	0	-304,120	304,120	361	TRAVIS
	600.02	2/3/2015		6,042	DB	UB	0	0	0	0	0	0	0	-6,042	6,042	363	TRAVIS
	600.02	2/3/2015		53,970	UB	DB	0	0	0	0	0	0	0	53,970	-53,970	363	TRAVIS
	600.02	2/3/2015		79,675	UB	DB	0	0	0	0	0	0	0	79,675	-79,675	364	TRAVIS
	600.01	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	365	TRAVIS
	600.01	2/3/2015		0	UB	DB	0	0	0	0	0	0	0	0	0	367	TRAVIS
	600.03	2/3/2015		453,686	DB	UB	0	0	0	0	0	0	0	-453,686	453,686	367	TRAVIS
	600.03	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	368	TRAVIS
	600.03	2/3/2015		328,450	DB	UB	0	0	0	0	0	0	0	-328,450	328,450	368	TRAVIS
	600.02	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	368	TRAVIS
	600.02	2/3/2015		103,400	UB	DB	0	0	0	0	0	0	0	103,400	-103,400	368	TRAVIS
	600.01	2/3/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	368	TRAVIS
	600.01	2/3/2015		21,751	UB	DB	0	0	0	0	0	0	0	21,751	-21,751	369	TRAVIS
	600.01	2/3/2015		21,751	DB	UB	0	0	0	0	0	0	0	-21,751	21,751	370	TRAVIS
	600.03	2/3/2015		103,400	UB	DB	0	0	0	0	0	0	0	103,400	-103,400	371	TRAVIS
	600.03	2/4/2015		255,460	DB	UB	0	0	0	0	0	0	0	255,460	-255,460	372	TRAVIS
	600.03	2/4/2015		958	UB	DB	0	0	0	0	0	0	0	958	-958	372	TRAVIS
	600.02	2/4/2015		19,160	DB	UB	0	0	0	0	0	0	0	-19,160	19,160	372	TRAVIS
	600.02	2/4/2015		15,510	UB	DB	0	0	0	0	0	0	0	15,510	-15,510	372	TRAVIS
	600.03	2/4/2015		0	DB	UB	0	0	0	0	0	0	0	0	0	372	TRAVIS
	600.03	2/4/2015		19,160	DB	UB	0	0	0	0	0	0	0	-19,160	19,160	372	TRAVIS
	600.03	2/4/2015		15,510	UB	DB	0	0	0	0	0	0	0	15,510	-15,510	372	TRAVIS
	600.03	2/4/2015		958	DB	UB	0	0	0	0	0	0	0	-958	958	372	TRAVIS
	600.01	2/4/2015		88,190	UB	DB	0	0	0	0	0	0	0	88,190	-88,190	372	TRAVIS
	600.01	2/4/2015		26,000	UB	DB	0	0	0	0	0	0	0	26,000	-26,000	372	TRAVIS
Change Number: BCR002							0	0	0	0	0	0	0	-30,796	30,796		

3.2.14 Project Cost Set

A column report displaying up to 15 cost sets summarized by selection criteria. Use this report to analyze the total value found in each cost set.

Report: Project Cost Set- Project data with cost sets in columns

Project: 600M- UUP Baseline
Status Date: 02/28/2015

Control Account	Scheduled	Performed	Actuals	Estimate at complete
600.01	2,737,067	576,752	574,785	0
600.02	13,312,908	860,735	855,971	0
600.03	14,003,291	1,362,927	1,352,849	0
600.04	745,001	745,001	745,075	0
Grand Total	30,798,267	3,545,415	3,528,680	0

Currency reported in: Dollars

Report Options
Criteria: Control Account
Calendar: 18 Required Set
Cost Sets: Scheduled, Performed, Actuals, Estimate at complete
Filter:

3.2.15 Project Cost Set Rslt

A column report displaying all selected results for a cost set; followed by the next cost set with its results + up to 15 cost sets. Use the wizard to select a number of criteria with results being the final criteria selected. On the Results page of the wizard, choose a number of results such as hours and direct. Use this report to analyze the hours, direct, and other results in each cost set.

Report: **Project Cost Set Rslt**-Project data with cost sets and results in columns

Project: **600M**-UUP Baseline
Status Date: 02/28/2015

Control Account	Scheduled HOURS	Scheduled DIRECT	Performed HOURS	Performed DIRECT	Actuals HOURS	Actuals DIRECT	Estimate at comp HOURS	Estimate at complete DIRECT
600.01 Project Mana	18,792	1,468,277	2,524	361,606	2,370	401,724	0	0
600.02 High-Voltage	7,269	11,650,298	733	669,225	1,274	677,928	0	0
600.03 Industrial Co	7,055	12,372,559	804	1,054,393	1,574	1,066,913	0	0
600.04 Other Projec	0	607,321	0	607,321	0	549,597	0	0
Grand Total	33,116	26,098,455	4,061	2,692,545	5,218	2,696,164	0	0

Currency reported in: Dollars

Report Options
Criteria: Control Account, Results
Calendar: 18 Required Set
Cost Sets: Scheduled, Performed, Actuals, Estimate at complete
Filter:

3.2.16 RLM g-2 CA

A report which populates the relevant control account managers for the selected project. Use the 'data' tab in the spreadsheet and input the information into the 'Project PivotTableTemplate' spreadsheet. All necessary filters and criteria are already selected in the report filter.

WP	Work Package.CTC	Cntrl Acct	Control Account.CAM	Cost Set	Date	Value	Currency
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	10/31/2014	$83.08	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	11/30/2014	$65.02	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	12/31/2014	$72.24	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	1/31/2015	$79.76	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Earned	10/31/2014	$83.08	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Earned	11/30/2014	$65.02	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Earned	12/31/2014	$72.24	TRUE
600.01.01.1040	600.PM01 600.01.01 Pro	600.01 Project Managen	12699N Alber, Russell J	Earned	1/31/2015	$79.76	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	1/31/2015	$0.00	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	2/28/2015	$57.91	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	3/31/2015	$63.13	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	4/30/2015	$63.13	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	5/31/2015	$57.91	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	6/30/2015	$63.13	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	7/31/2015	$60.81	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Earned	1/31/2015	$0.00	TRUE
600.01.02.1000	600.PM02 600.01.02 Pro	600.01 Project Managen	12699N Alber, Russell J	Earned	2/28/2015	$57.91	TRUE
600.01.03.1020	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	7/31/2015	$3.74	TRUE
600.01.03.1020	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	8/31/2015	$78.56	TRUE
600.01.03.1020	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	9/30/2015	$78.56	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	10/31/2015	$84.77	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	11/30/2015	$73.21	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	12/31/2015	$77.07	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	1/31/2016	$73.21	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	2/29/2016	$80.92	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	3/31/2016	$88.63	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	4/30/2016	$80.92	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	5/31/2016	$80.92	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	6/30/2016	$84.77	TRUE
600.01.03.1040	600.PM03 600.01.03 Pro	600.01 Project Managen	12699N Alber, Russell J	Budget	7/31/2016	$77.07	TRUE

3.2.17 RLM g-2 SPA

A report which contains all EVM metric data such as CPI, SPI, Budget, Earned, Actual, and timephased data. Use the 'data' tab in the spreadsheet and input the information into the 'Project PivotTableTemplate' spreadsheet. All necessary filters and criteria are already selected in the filter.

| Work Package.WBS (2)	Work Package.WBS (3)	Work Package.WBS	Work Package.Fund Typ	Resource.TYPE	Resource	WP	Results	Cost Set	Date	Value	Currency
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Budget	10/31/2014	$9.95	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Budget	11/30/2014	$7.79	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Budget	12/31/2014	$8.66	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Budget	1/31/2015	$8.66	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	OBG	10/31/2014	$9.95	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	OBG	11/30/2014	$7.79	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	OBG	12/31/2014	$8.66	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	OBG	1/31/2015	$8.66	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Earned	10/31/2014	$9.95	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Earned	11/30/2014	$7.79	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Earned	12/31/2014	$8.66	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	F-BDN-AY$	Earned	1/31/2015	$8.66	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Budget	10/31/2014	92	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Budget	11/30/2014	72	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Budget	12/31/2014	80	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Budget	1/31/2015	80	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	OBG	10/31/2014	92	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	OBG	11/30/2014	72	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	OBG	12/31/2014	80	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	OBG	1/31/2015	80	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Earned	10/31/2014	92	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Earned	11/30/2014	72	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Earned	12/31/2014	80	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	HOURS	Earned	1/31/2015	80	FALSE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Budget	10/31/2014	$3.91	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Budget	11/30/2014	$3.06	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Budget	12/31/2014	$3.40	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Budget	1/31/2015	$3.40	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	OBG	10/31/2014	$3.91	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	OBG	11/30/2014	$3.06	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	OBG	12/31/2014	$3.40	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	OBG	1/31/2015	$3.40	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Earned	10/31/2014	$3.91	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Earned	11/30/2014	$3.06	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Earned	12/31/2014	$3.40	TRUE
600.01 Project Managen	600.01.01 Preliminary Di	600.01.01 Preliminary Di	DOE.Non-HEP.SLI.PED	L Labor	FNBS_PROCUREMENT	600.01.01.1040	DIRECT	Earned	1/31/2015	$3.40	TRUE

3.2.18 SPI-CPI

SPI and CPI lines over time. The selected criteria indicates how to subtotal the data and generates a different graph for each subtotal. In order to calculate the indices, you cannot select the costs sets.

Use this report to analyze how SPI and CPI change over time. You can edit the chart in the template to change the chart layout, colors, etc.

Report: **SPI-CPI**-A time-phased graphic report of project data by schedule and cost performance index

Project: **600**-Utilities Upgrade Baseline with BCR003
Status Date: 02/28/2015

Control Account

600.01 Project Management
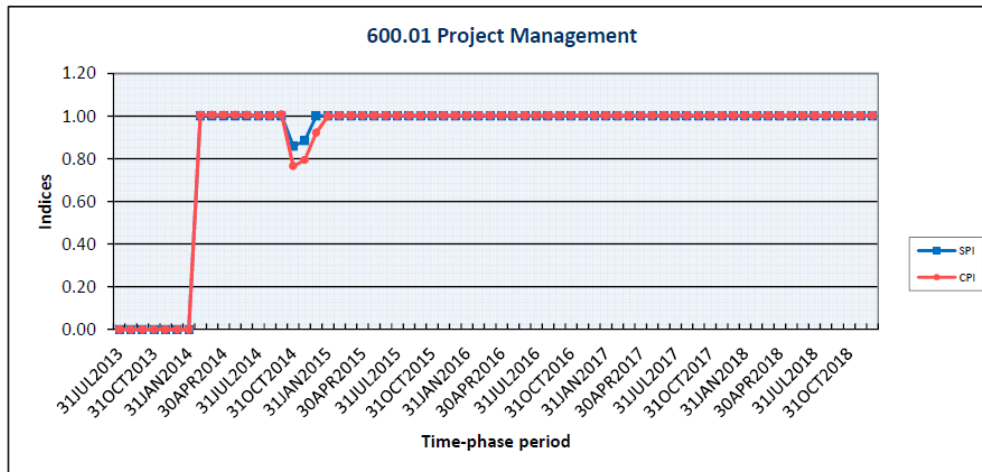
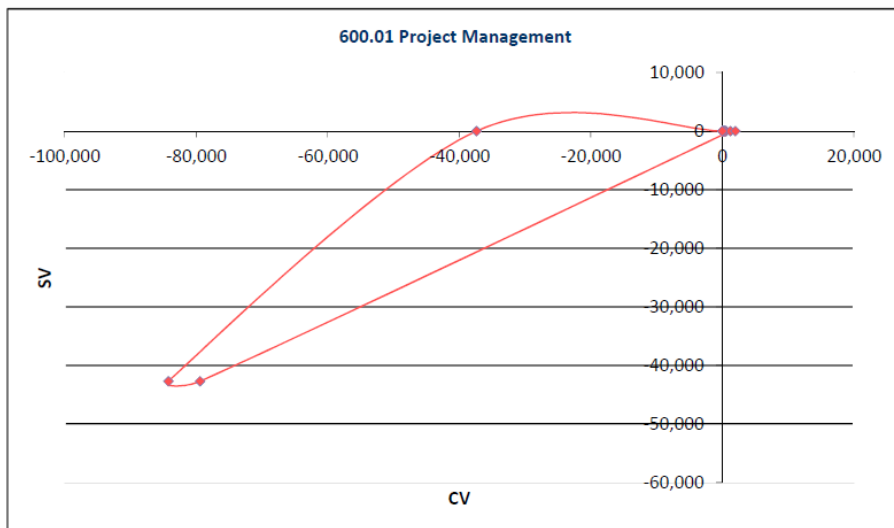|	31JUL20	31AUG2	30SEP20	31OCT2(	30NOV2	31DEC2(	31JAN2(	28FEB20	31MAR2	30APR2(	31MAY2	30JUN2(	31JUL20
SPI	-	-	-	-	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00
CPI	-	-	-	-	-	-	-	1.01	1.01	1.01	1.01	1.01	1.00

3.2.19 SV vs CV

A scatter chart depicting the time-phased schedule variance (Y vertical axis) versus the cost variance (X horizontal axis). The intersection of these two variances becomes the plot marker on the graph.

Report: **SV vs CV**-A time-phased graphic report of schedule versus cost variance   Project: **600**-Utilities Upgrade Baseline with BCR003
                                                                                                      Status Date: 02/28/2015

Control Account

	31JUL20	31AUG2	30SEP20	31OCT2(	30NOV2	31DEC2(	31JAN2(	28FEB20	31MAR2	30APR2(	31MAY2	30JUN2(	31JUL20
CV	0	0	0	0	0	0	0	85	203	328	447	565	420
SV	0	0	0	0	0	0	0	0	0	0	0	0	0

3.2.20 SV-CV

SV and CV lines over time. The selected criteria indicates how to subtotal the data and generates a different graph for each subtotal. In order to calculate the variances, you cannot select the costs sets.

Use this report to analyze how SV and CV change over time.

Report: **SV-CV**-A time-phased graphic report of project data by schedule and cost variance

Project: **600**-Utilities Upgrade Baseline with BCR003
Status Date: 02/28/2015

Control Account

600.01 Project Management

	31JUL20	31AUG2(	30SEP20	31OCT2(	30NOV2	31DEC2(	31JAN2(	28FEB20	31MAR2	30APR2(	31MAY2	30JUN2(	31JUL20
CV	-	-	-	-	-	-	-	85	203	328	447	565	420
SV	-	-	-	-	-	-	-	0	0	0	0	0	0

3.2.21 TCPI

A line represents CPI, SPI, TCPI EAC, TCPI BAC lines over time. The selected criteria indicates how to subtotal the data and generates a different graph for each subtotal. In order to calculate the indices, you cannot select the costs sets.

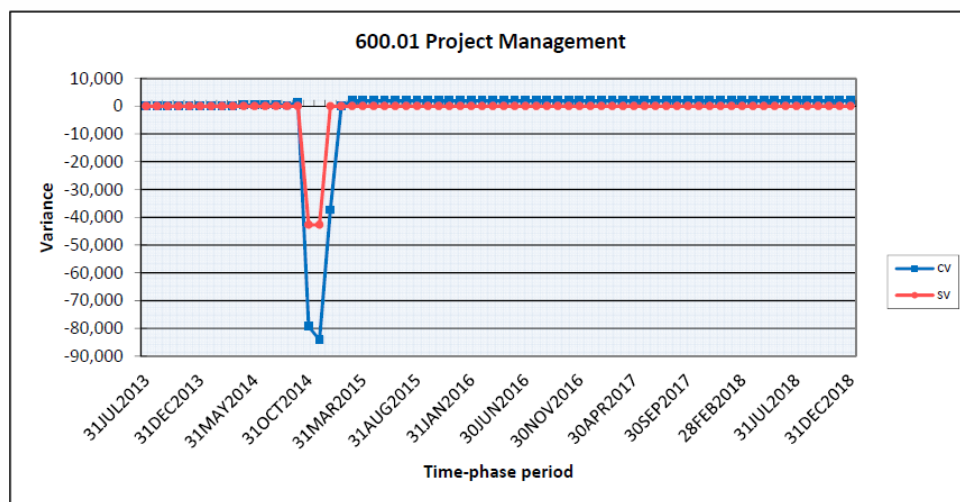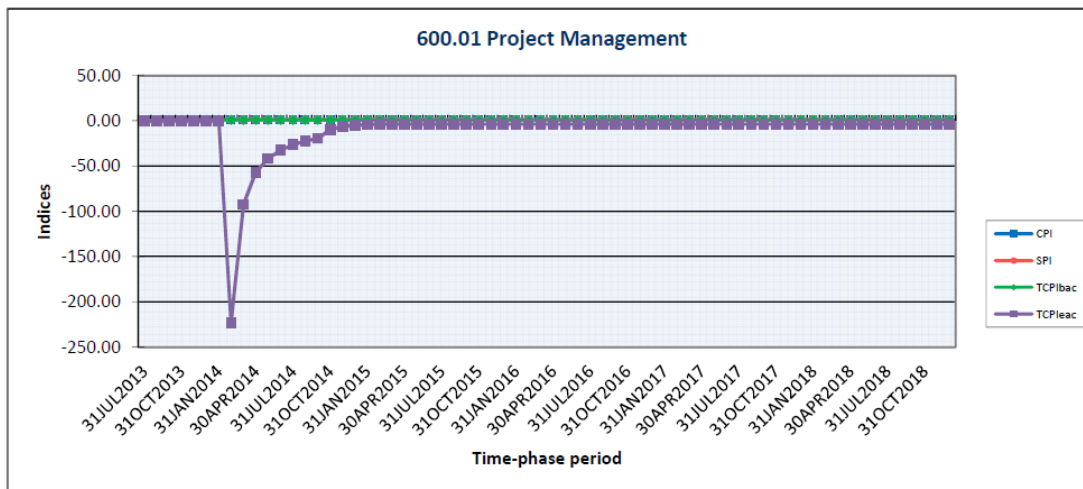Use this report to analyze how CPI, SPI, TCPI EAC, TCPI BAC change over time.

Report: **TCPI**-CPI, SPI, TCPI eac, TCPI bac lines over time

Project: **600**-Utilities Upgrade Baseline with BCR003
Status Date: 02/28/2015

Control Account

	31JUL2013	31AUG201	30SEP201	31OCT201	30NOV201	31DEC201	31JAN201	28FEB201	31MAR20	30APR201	31MAY20	30JUN201
CPI	-	-	-	-	-	-	-	1.01	1.01	1.01	1.01	1.01
SPI	-	-	-	-	-	-	-	1.00	1.00	1.00	1.00	1.00
TCPIbac	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TCPIeac	-	-	-	-	-	-	-	-223.21	-92.42	-56.98	-41.57	-32.63

3.2.22 Trend

This time phased budget report allows you to select up to 4 criteria.

The incremental and cumulative budget, earned, and actual cost sets appear in a row with their time phased data. This report also shows the schedule and costs variances and performance indicators by period for each criteria.

Report: **Trend**-A time-phased spreadsheet report of budget, earned, actual, variance, and performance indicators.   Project: **600**- Utilities Upgrade Baseli

Control Account	31JUL2013	31AUG2013	30SEP2013	31OCT2013	30NOV2013	31DEC2013	31JAN2014	28FEB2014	31MAR2014	30APR2014
600.01 Project Management										
Scheduled	0	0	0	0	0	0	0	0	16,100	22,541	23,614
Performed	0	0	0	0	0	0	0	0	16,100	22,541	23,614
Actuals	0	0	0	0	0	0	0	0	16,016	22,422	23,490
CV	0	0	0	0	0	0	0	0	85	119	124
SV	0	0	0	0	0	0	0	0	0	0	0
CPI	-	-	-	-	-	-	-		1.01	1.01	1.01
SPI	-	-	-	-	-	-	-		1.00	1.00	1.00
600.02 High-Voltage Electrical Upgrade										
Scheduled	0	0	0	0	0	0	0	0	28,537	49,721	54,266
Performed	0	0	0	0	0	0	0	0	28,093	39,330	41,202
Actuals	0	0	0	0	0	0	0	0	27,945	39,122	40,985
CV	0	0	0	0	0	0	0	0	148	207	217
SV	0	0	0	0	0	0	0	0	-445	-10,391	-13,064
CPI	-	-	-	-	-	-	-		1.01	1.01	1.01
SPI	-	-	-	-	-	-	-		0.98	0.79	0.76
600.03 Industrial Cooling Water Upgrade										
Scheduled	0	0	0	0	0	0	0	0	43,997	61,596	64,529
Performed	0	0	0	0	0	0	0	0	43,997	61,596	64,529
Actuals	0	0	0	0	0	0	0	0	43,795	61,313	64,233
CV	0	0	0	0	0	0	0	0	202	283	296
SV	0	0	0	0	0	0	0	0	0	0	0
CPI	-	-	-	-	-	-	-		1.00	1.00	1.00
SPI	-	-	-	-	-	-	-		1.00	1.00	1.00
600.04 Other Project Costs (OPC)										
Scheduled	0	0	0	196,954	162,701	162,701	179,828	42,816	0	0
Performed	0	0	0	196,954	162,701	162,701	179,828	42,816	0	0
Actuals	0	0	0	196,974	162,718	162,718	179,846	42,820	0	0
CV	0	0	0	-20	-16	-16	-18	-4	0	0
SV	0	0	0	0	0	0	0	0	0	0
CPI	-	-	-	1.00	1.00	1.00	1.00	1.00 -	-	
SPI	-	-	-	1.00	1.00	1.00	1.00	1.00 -	-	
Grand Total										
Scheduled	0	0	0	196,954	162,701	162,701	179,828	131,451	133,857	142,409
Performed	0	0	0	196,954	162,701	162,701	179,828	131,006	123,466	129,345
Actuals	0	0	0	196,974	162,718	162,718	179,846	130,576	122,857	128,708
CV	0	0	0	-20	-16	-16	-18	430	608	637
SV	0	0	0	0	0	0	0	-445	-10,391	-13,064
CPI	-	-	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00
SPI	-	-	-	1.00	1.00	1.00	1.00	1.00	0.92	0.91

3.2.23 WAD Report

Use this report to authorize the work for a control account (see 12.PM-003 Work Authorization and 12.PM-007 Change Control for further guidance). Each control account is printed on a separate page with the control account fields, dates at the top of the page. All notes assigned to the control account WAD category are displayed. Also displayed in the body of the report are the resource assignments, and the total budgeted hours and a direct cost for each assignment. This report includes a signature block at the bottom of the report for authorization. By default the selection criteria is set to resource level 2. You can change the selection criteria to define either the level where you define the elements of costs, or you can change the level to 0 to display each resource assignment within the control account.

Work Authorization Document

Control Account Information	
Control Account Manager:	Hays, Steven L
Control Account Number:	475.04.06
Control Account Description:	Magnet Power System

Period of Performance			
Start:	1/2/2013	Finish:	10/16/2018

WAD Scope

BCR# 004 Cost leveling; new CD-3c strategy_Impact: Cost $19,039 & Sched Days 0

This includes design, analysis, procurement, assembly, acceptance testing, installation, commissioning and close-out activities for the magnet power system. The magnet power system includes the power supplies, the dump switch, and the dump resistor.

Budget	HOURS	DIRECT	BAC
Funding Type DOE.HEP.LNI.CNSTR	2,201.00	784,946.33	1,159,471.82
Labor	2,201.00	94,478.33	275,677.21
Material	0.00	690,468.00	883,794.62
Funding Type DOE.HEP.LNI.PED	2,582.95	78,361.73	330,113.86
Labor	2,582.95	53,810.65	305,562.78
Material	0.00	24,551.08	24,551.08
Total Budget:	4,783.95	863,308.06	1,489,585.68

Authorization Signatures		
CAM:		Date:
Project Manager:		Date:

3.2.24 Stoplight

Use this report monthly to see the Variance data for each control account (see 12.PM-006 Monthly Status Reporting and DTI 12.PM-006.DT-09 for further guidance). This report shows Current and Cumulative schedule and cost variance and index data. It also shows EAC and VAC % spent and complete data. The template should be modified to reflect the project Variance thresholds.

Report: **g-2 EV Stoplight** - Project data with highlights

Project: **476** - g-2 March 2016 status on top of BCR038
Status Date: 03/31/2016

g-2 March 2016 status on top of BCR038
March 31, 2016
Currency in: Fully Burdened AY$

Control Account	Current Period							Cumulative to Date								At Complete				
	Budget	Earned	Actuals	SV ($)	SV (%)	CV ($)	CV (%)	Budget	Earned	Actuals	SV ($)	SV (%)	CV ($)	CV (%)	SPI	CPI	BAC	EAC	VAC	% Spent	% Complete
476.01 Project Management	85,645	85,645	75,556	0	0%	10,090	12%	2,918,266	2,898,603	2,779,464	(19,662)	-1%	119,139	4%	0.99	1.04	3,876,993	3,757,944	119,049	74%	75%
476.02.01 Accelerator Project Management	58,658	58,658	61,575	0	0%	(2,917)	-5%	1,946,019	1,946,019	1,989,570	0	0%	(43,551)	-2%	1.00	0.98	2,589,640	2,633,190	(43,551)	76%	75%
476.02.02 Target Station	51,423	59,576	53,297	8,153	16%	6,279	11%	1,210,825	956,442	987,274	(254,383)	-21%	(30,831)	-3%	0.79	0.97	1,663,613	1,696,097	(32,484)	58%	57%
476.02.03 Beamlines	521,926	568,709	384,343	46,783	9%	184,366	32%	6,854,514	7,477,426	7,499,068	622,912	9%	(21,642)	0%	1.09	1.00	12,103,524	12,120,294	(16,771)	62%	62%
476.02.04 Controls & Instrumentation	68,214	23,223	31,459	(44,992)	-66%	(8,236)	-35%	1,361,025	1,193,575	1,309,196	(167,450)	-12%	(115,621)	-10%	0.88	0.91	1,720,385	1,851,024	(130,639)	71%	69%
476.03.01 Ring Project Management	48,566	48,566	30,325	0	0%	18,241	38%	1,189,464	1,189,464	1,052,230	0	0%	137,234	12%	1.00	1.13	1,712,351	1,575,117	137,234	67%	69%
476.03.02 Magnet	395	0	482	(395)	-100%	(482)		4,552,109	4,552,109	4,532,161	0	0%	19,947	0%	1.00	1.00	4,552,109	4,532,161	19,947	100%	100%
476.03.03 Inflector	190,804	35,451	103,764	(155,353)	-81%	(68,313)	-193%	1,312,851	1,254,105	1,339,654	(58,746)	-4%	(85,550)	-7%	0.96	0.94	1,873,672	1,960,034	(86,362)	68%	67%
476.03.04 Storage Ring Vacuum	266,132	73,600	79,933	(192,531)	-72%	(6,333)	-9%	574,965	321,000	434,387	(253,965)	-44%	(113,387)	-35%	0.56	0.74	1,251,614	1,365,340	(113,726)	32%	26%
476.03.05 Kickers	25,084	68,983	106,591	43,900	175%	(37,608)	-55%	1,166,614	1,123,363	1,002,363	(43,251)	-4%	121,000	11%	0.96	1.12	1,453,053	1,332,996	120,057	75%	77%
476.03.06 Quadrupoles	15,383	2,251	(499)	(13,133)	-85%	2,750	122%	454,124	292,492	110,305	(161,632)	-36%	182,187	62%	0.64	2.65	944,204	763,002	181,201	14%	31%
476.03.07 Controls & Instrumentation	0	0	0	0	0%	0	0%	917,165	917,165	913,136	0	0%	4,029	0%	1.00	1.00	917,165	913,136	4,029	100%	100%
476.03.08 Precision Field	125,949	67,747	72,848	(58,203)	-46%	(5,102)	-8%	1,057,350	852,220	980,682	(205,130)	-19%	(128,463)	-15%	0.81	0.87	1,374,947	1,504,235	(129,287)	65%	62%
476.04 Detectors	18,917	23,336	53,127	4,419	23%	(29,790)	-128%	438,955	320,598	333,857	(118,357)	-27%	(13,259)	-4%	0.73	0.96	540,736	554,743	(14,006)	60%	59%
476.05 BNL Equipment Disassembly & Transport	0	0	0	0	0%	0	0%	4,183,343	4,183,343	4,183,343	0	0%	0	0%	1.00	1.00	4,183,343	4,183,343	0	100%	100%
Total	**1,477,097**	**1,115,745**	**1,052,801**	**(361,351)**	**-24%**	**62,945**	**6%**	**30,137,591**	**29,477,924**	**29,446,691**	**(659,666)**	**-2%**	**31,233**	**0%**	**0.98**	**1.00**	**40,757,347**	**40,742,657**	**14,690**	**72%**	**72%**
Management Reserve																	58,750	0			
TAB																	40,816,098	40,742,657			

Report Options
Report Name: g-2 EV Stoplight
Project File: 476
Filter:
Criteria: Control Account
Calendar: 18 Required Set
Cost Sets: Scheduled, Performed, Actuals, Estimate at complete

3.2.25 VAR

Use this report monthly to identify and communicate issues, impacts, and corrective actions that result in variances for each control account that breaks the project thresholds (see 12.PM-006 Monthly Status Reporting and DTI 12.PM-006.DT-06 for further guidance). Each control account is printed on a separate page.

Variance Analysis Report								
CA: 476.01 Project Management					**Project:** g-2 March 2016 status on top of BCR038			
CAM: Polly, Chris					**Period Ending:** March 31, 2016			
Report in Dollars								
Period	**Budget**	**Earned**	**Actuals**	**SV ($)**	**SV (%)**	**CV ($)**	**CV (%)**	**SPI**	**CPI**
Current:	85,645	85,645	75,556	0	0%	10,090	12%	1.00	1.13
Cumulative:	2,918,266	2,898,603	2,779,464	(19,662)	-1%	119,139	4%	0.99	1.04
	BAC	**EAC**		**VAC ($)**	**VAC (%)**			
At Complete:	3,876,993	3,757,944		119,049	3%			

Variance thresholds: Yellow ±$50K & ±5% Current; ±$100K & ±5% Cumulative. Red ±$100K & ±10% Current; ±$200K & ±10% Cumulative

Explanation of Variance/Description of Problem:
Current:

Cumulative:

Impact:

Corrective Action:

Monthly Summary:

Prepared by:		CAM		Date:	
Reviewed by:		PCS		Date:	
Approved by:		PM		Date:	

Document Revision History

Date	Version	Author	Description
4/13/2016	0.0	Rich Marcum	Developed DTI